



MINOLTA

XG-M

Automatic Exposure
35mm SLR with
motor drive capability.



The Minolta XG-M. A versatile SLR designed for today's lifestyle!

There's a fast-action world out there! And Minolta's new XG-M is just the camera to capture every moment of your adventuresome life... simply, quickly, and with perfect results, all the time.

It's a superior 35mm single lens reflex camera, this versatile XG-M. From its distinctive new Minolta emblem on its pentaprism front to the sleek optional motor drive that achieves a high-speed professional shooting capability, this unusually simple-to-operate Automatic Exposure SLR is the perfect choice for all photographers, whether you're an SLR novice, a seasoned "pro" or anyone in between! This camera is particularly suitable for photographers who are planning to expand their creativity and experience. With its Action Grip, the XG-M is extremely easy to carry and handle. Its creative Aperture Priority AE, Metered Manual operation, total-information viewfinder, extensive accessories and lenses... these are some of the many features of the XG-M that make it a wise investment in photographic growth.

The Minolta XG-M has all the heritage of Minolta quality SLR cameras: a tradition of being sublimely easy to use, extremely durable, versatile, sleek and stylish. Its superior engineering makes it easy to shoot great pictures: all you have to do is concentrate on the subject matter and leave all the rest up to your Minolta XG-M! The Minolta XG-M. It's just the camera you've been waiting for!

*Here's the versatile 35mm SLR
with many features to help you advance
your photographic potential. ...*



Taking a great photograph depends upon how you handle light and shadow. Here's how the XG-M helps you achieve perfection.

1. Creative Automatic-Exposure Control.

Creative Automatic-Exposure control allows you to vary your shutter speed continuously and steplessly from 1/1000 to 1 sec., in addition to selecting the precise depth-of-field you wish.

2. Full Manual and Metered Manual.

Full Manual and Metered Manual controls give you unlimited combinations of aperture and shutter speed selections for whatever photographic effect you desire. Metered Manual indicates correct exposure values as a guide to your selection.

3. Motor Drive 1 and Auto Winder G.

The XG-M's Motor Drive 1 allows you to take fast action sequences up to 3.5 frames-per-second. Auto Winder G allows shooting up to 2 fps.

4. Full Information Viewfinder.

The XG-M's full-information viewfinder informs you of all photographic data you need to attain the results you wish. Shutter speed, over/under-exposure, flash-ready signal, Manual-mode signal and f-stop display are easily seen.

5. Acute Matte Focusing Screen.

Minolta's exclusive Acute Matte focusing screen gives a brighter image and makes absolutely precise focusing faster and easier than ever before, even in dim lighting conditions.

6. Touch Switch.

The unique Minolta "Touch Switch" begins metering and LED readout instantaneously, and prevents accidental premature shutter release. Saves battery power, too!

7. Data Back G.

The Data Back G imprints the date or other coded information on each film frame at the moment of exposure.

8. X-series Auto Electroflashes.

An Auto Electroflash 320X, 200X, 132X or 118X signals flash-ready in the viewfinder when fully-charged, and automatically sets the shutter speed to the correct X sync. at the moment of shutter release. The Auto Electroflash 320X synchronizes with the Motor Drive 1 at 3.5 fps when used with the Power Grip 1.

Perfect results with creative Aperture Priority AE control.



100mm MD Lens at f/4, "Auto"

Special lighting effects with Manual Exposure control.



50mm MD Lens at f/5.6, 1/125 sec

Creative Aperture Priority AE control helps put your imagination on film.

Set "A" on the XG-M's shutter-speed/function selector, and lightly place your finger on the touch switch/operating button. Look for the bright viewfinder LEDs indicating 1/1000 to 1 sec.: it's easy to select just about any shutter speed you wish by changing your aperture, while being assured that exposure values are correctly—and sleeplessly—matched for perfect results. To check your depth-of-field, simply push the depth-of-field preview button in.

There are other facets to the XG-M's creative Aperture Priority Automatic Exposure control that further extend the versatility and usefulness of this mode. A plus-or-minus 2EV control allows you to compensate for unusual lighting conditions (backlighting and spotlighting are two of the more common occurrences). Your pre-selected aperture is visible beneath the viewfinder frame. And an overexposure fail-safe system locks the shutter when the shutter speed exceeds 1/1000 sec.



Setting the "A" on the XG-M's shutter-speed/function selector puts the camera into its creative Aperture-Priority Automatic Exposure mode.

The XG-M's depth-of-field preview button allows you to see the zone of sharp focus your selected aperture will produce.

Full Manual and Metered Manual Exposure controls extend the range of your sensitivity.

There will be many times that you'll want to expand on your creative urges by using special combinations of f-stop selections and/or shutter-speeds to create unusual effects. The Minolta XG-M allows you to do this with great ease, and yet, in Metered Manual you are constantly reminded of the correct exposure values, as a valuable guide. Simply select the appropriate shutter speed on the shutter speed/function selector and choose the aperture you wish. With your finger on the touch switch/operating button, you'll see the "M" indicator in the viewfinder (reminding you that you're in Manual mode) along with the preselected f-stop. You'll also see an LED indication next to the metered shutter speed; this is merely a suggested shutter speed and may be used, or not used, as you see fit. Comparing this shutter speed indication to the shutter speed actually set will help you "sense" the final exposure results.

The XG-M's full-information viewfinder and "Touch Switch" combine to make fine photography faster and more trouble-free.



Extra-bright, full-information viewfinder makes your photography much easier!

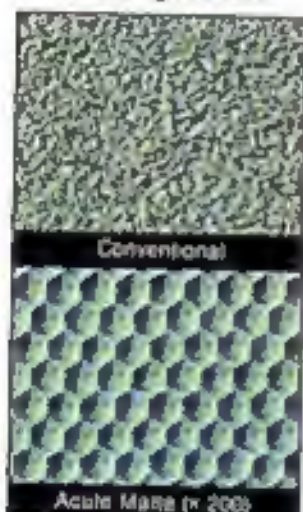
The viewfinder of the XG-M has been engineered to give you every bit of information to make your photography as effortless as it is creative. Bright LEDs mark the shutter speed which correctly corresponds to the preselected aperture, in addition to over-under-range indicators, a blinking "flash-ready" indicator next to 1/60 mark when used with either the Minolta Auto Elctroflash 320X, 200X, 132X or 118X, and a steady "M" indicator when in the Manual mode. Below the viewfinder frame is the indication of your selected f-stop in use.

Within the viewfinder frame you will see Minolta's unique Acute Matte focusing screen and fast-focusing split-micro spot. This Acute Matte screen represents a significant advance in focusing technology: it is made up of some 2-1/2 million microscopic cells which are paved to give better light dispersion and to afford a brighter image and easier, more precise corner-to-corner focusing.



- ① Split-image/micropism focusing spot
- ② Shutter speed scale
- ③ LED shutter speed indicator
LED blinks at "60" to show flash ready
- ④ LED overexposure warning
- ⑤ LED underexposure warning
- ⑥ M indicator
- ⑦ Number window

Focusing Screens



The Minolta "Touch Switch" saves your battery power!

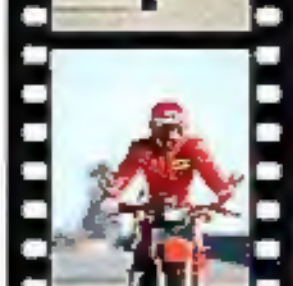
The moment your finger touches the unique Minolta touch switch/operating button, the XG-M's metering and LED readouts instantaneously begin to function. When using gloves, simply depressing the switch 0.4mm activates the same functions. Further depressing the touch switch/operating button activates shutter release. This feature of the XG-M helps conserve battery power.



The XG-M's touch switch/operating button is activated by the conductivity of your finger, requiring only the slightest contact for metering and LED readout.



Action...high speed...drama.
The XG-M's Motor Drive 1
lets you capture
every moment of an exciting event!



A versatile, high-speed motor drive
catches all the fast-breaking action!

The Minolta XG-M allows you the latitude of shooting up to 3-1/2 frames-per-second with the optional accessory, the Motor Drive 1. Attachment is quick and simple; there are no access caps to remove or store away for future use. You have a choice of three "speeds": single-frame, 2fps and 3-1/2fps, giving you great versatility under all shooting conditions. Whether you're shooting in Automatic Exposure, Manual Exposure, or with Auto Electroflash, you are assured of always-perfect shutter synchronization, no matter the motor drive speed you've selected.



One of the most enjoyable things about using the XG-M with motor drive is that camera holding is positive and comfortable. An easy-to-grasp control grip gives superior holding and balance, whether the camera is used in a vertical or horizontal position. Twin operating buttons feature Minolta's "Touch Switch" for the user's convenience according to the camera's position, horizontal or vertical. You'll notice that the lower "Touch Switch" also locks "off" to prevent accidental release. The XG-M and Motor Drive 1: they were made for each other! And which, when added to your creative "eye", will yield great pleasure to every facet of your photography!



The compact Auto Winder G.

Another choice for action photography is the Auto Winder G, an optional accessory of the XG-M. Fast-attaching, compact and lightweight, this auto winder allows shooting up to 2fps.



Minolta XG-M with AF 50mm 1:1.7 Auto - Auto Electroflash 320X with Power Grip 1 and Motor Drive 1

The Minolta Auto Electroflash 320X, 200X, 132X and 118X.

These Minolta Auto Electroflashes virtually guarantee precisely-exposed flash photographs, time after time. When one of these Minolta Auto Electroflashes is fully charged, an LED in the viewfinder of your XG-M blinks to indicate that the flash is ready to fire. When the shutter is released, it electronically sets the XG-M's shutter speed for X sync. (1/60 sec.) and triggers the flash. If the flash capacitor is not fully charged or if the unit is switched off, the camera works in the automatic or manual control you have selected. Thus, you can concentrate on the subject matter at hand, and not have to worry about flash-synchronization. You'll never miss a once-in-a-lifetime flash photo! Additionally, the Auto Electroflash 320X when used with the optional Power Grip 1 synchronizes with the Motor Drive 1 for perfect flash sequences at 3.5fps. The Auto Electroflash 320X and 200X are designed to electronically mate with the Auto Winder G, also, for perfect synchronization up to 2fps. Either way, perfectly-exposed high-speed flash photographs to capture all the action!

Other Minolta accessories that will extend the usefulness of your XG-M.

XG-M and Motor Drive 1 part names



The Minolta Data Back G

With the Data Back G, you can imprint the date—or other coded data—on the film frame you're about to expose. Three dials give you thousands of possible combinations of numerals and digits, with which to encode any photograph.



Remote Cord S and L

Both the Remote Cord S (20 inches or 50cm) and L (10.5 feet or 5m) are available for remote-control operation of the XG-M. Each cord screws into the threaded socket provided on the camera body and operates the camera, even in motor drive or auto winder operation.



XG-M

- **Film-advance lever**
- **Shutter-speed/function selector**
- **Touch switch/operating button** This operating button (middle) activates metering/reading operation by the conductivity of your finger, and helps conserve battery power.
- **Frame counter window**
- **Safe load signal** Confirms that the film is correctly loaded and is advancing properly.
- **Auto-setting release/battery-check button** Release lock from Auto Exposure setting. Also checks camera's battery.
- **Main switch** Conveniently-located ON/OFF power switch prevents accidental shutter release and conserves battery power when camera not in use.
- **Self-timer switch** A simple, sliding station prepares the camera for self-timing operation. A red marker indicates OFF/OFF.
- **Self-timer/battery-check indicator** Two-step LED with a 7.5 sec. slow blink countdown and a 2.5 sec. fast blink countdown to automatic shutter release. Also indicates battery strength.
- **Action grip** Allows steady gripping and handling of the camera in either horizontal or vertical position.
- **Bayonet mount** Any Minolta SLR lens can be quickly and securely locked into place by means of this feature which has remained unchanged throughout the years.
- **X-sync. terminal (not shown)**
- **Hot shoe** Automatically mates (equips with Auto Electroflash 320K, 300K, 132B or 118K for automatic setting of X sync. and other automatic flash operation benefits).
- **Film-speed window (behind knob, not shown)**
- **Back cover release knob**

- **Rewind crank**
Allows setting of up to ± 2 EV in Automatic-Exposure mode to automatically compensate for special lighting conditions.
- **Control release**
- **Strap lug**
- **Lens-release button**
- **Oversize quick-return mirror**
Large dimensions allow the use of long telephoto lenses and close-up equipment with no image cut-off.
- **Remote-control socket**
Allows use of Remote Cord S or L for operation of the camera at a distance, in addition to use of a cable release.
- **Depth-of-field preview button**
Lets you see the zone of sharp focus in your viewfinder.
- **ASA/DIN conversion scale**
- **Memo holder**
A handy DIN/ASA guide as well as a receptacle for storing film box end panel as a reminder of film being used.
- **Winder terminal**
- **Battery chamber cover**
- **Guide-pin socket**
- **Motor drive terminals**
- **Finder eyepiece**

- **Back cover**
- **Rewind button**
- **Guide-pin socket**
- **Motor drive/Auto-winder coupler**
- **Tripod socket**
- **Eyepiece cap**
For remote or self-timer operations, this useful accessory slips over the eyepiece to prevent external light from entering.

Motor Drive 1

- **Selector-dial release**
- **Touch switch/operating button**
- **Selector dial**
- **Accessory-cord terminal***
- **Film-advance coupler**
- **Guide pin**
- **Terminals**
- **Attaching screw**
- **Pilot light**
- **Battery-holder release**
- **Battery holder**
- **Tripod socket**
- **Film-rewind slide**
- **Rewind-slide release**
- **Touch switch/operating button** (for vertical operations)
- **Lock switch**

*For future accessories

XG-M Specifications

Type: 35mm single-lens reflex with aperture priority automatic and metered full-manual exposure control

Lens mount: Minolta SLR bayonet, 54° rotating angle; coupling for full-aperture-metering and automatic diaphragm control with Minolta MD and MC lenses (standard lenses: MD 50mm f/1.2, f/1.4, f/1.7 or f/2)

Auto-exposure control: Special low-voltage, low-current computer circuit, actuated by contact or pressure on "touch switch" operating button, varies the shutter speed continuously and seamlessly to yield proper exposure according to metering system indication at the aperture, film speed, and exposure adjustment set. Auto-exposure range: EV 2 to EV 17 (e.g., 1/2 sec. at f/1.4 to 1/1000 at f/11) at ASA 100 with f/1.4 lens.

Shutter: Horizontal-traverse focal-plane type; electronically controlled speeds: 1/1000 to 1 sec., seamlessly on automatic mode or in steps on manual mode.

Metering: Full-aperture TTL center-weighted type. Film-speed range: ASA 25 to 1600.

Auto-exposure adjustment: Up to ± 2 EV adjustment of automatic exposure with lock at each 1/2 EV setting and "Q" Mirror.

Mirror: Oversize quick-return type (PQ value: 123mm).

Viewfinder: Eye-level fixed pentaprism type showing 93% of 24 x 36mm film-frame area.

Magnification: 0.9X with 50mm standard lens focused at infinity. Power: ± 10 , variable with accessory snap-on eyepiece correction lenses. Fresnel-aid focusing screen has an artificially regular patterned matte field plus central split-image horizontally oriented focusing spot surrounded by microprism band.

Visible in finder: stepless speed indicated by 10 light-emitting diodes; LED over-under-range indicators; LED at "60" position also blinks as flash-ready signal with the Auto Electrolash 320X, 200X, 132X or 118X. (Number set for automatic and manual modes; manual-mode signal).

Flash sync: PC terminal and hot shoe for X sync. (disconnected when unit is not installed). Electronic flash synchronizes at 1/60 sec. and slower stop or stepless speeds. Class MF, M and FP flashcubes synchronize at 1/15 or slower speeds. Extra contact on hot shoe receives signal from camera-control contact of Auto Electrolash 320X, 200X, 132X or 118X.

Film advance: Motorized through built-in coupler key with accessory Motor Drive 1 or Auto Winder G.

Manual: By lever with single 130° stroke after 30° unengaged movement. Film-advance release button for rewinding, advancing-type frame counter and Safe Load Signal that indicates film loading and advancing conditions.

Power: Two 1.5v silver-oxide or alkaline-manganese cells contained in camera base power both auto exposure control and shutter's electronically governed operation. LED battery check indicator lights when auto-setting release/battery-check button is depressed.

Shutter will not release when voltage is too low for proper operation.

Self-timer: Electronic, LED indicated type, approximately 10 sec. delay.

Other: 4-slot take-up spool, detachable back cover with memo holder and ASA-DIN conversion table, integral grip.

Size: 52 x 89 x 138mm (2-1/16 x 3-1/2 x 5-7/16 in.) without lens.

Weight: 515g (18-3/16 oz.) without lens and power cells.

Accessories: Exclusive Motor Drive 1, Auto Winder G, Auto Electrolash 320X, 200X, 132X and 118X, Data Back G, Remote Cord S 20-in. (50cm) and Remote Cord L 16-ft. (5m), MD, MC, and other interchangeable Minolta lenses and applicable Minolta SLR system accessories.

Specifications subject to change without notice

